

Amendments to the Claims:

This listing of claims will replace all previous versions and listings of claims in the application:

Listing of Claims

1. (currently amended) A method for direct localized therapeutic treatment of myocardial tissue in heart having a pathological condition comprising the steps of:
 - a. identifying a target region of the myocardium having an epicardial region and an endocardial region and an intramural space defined between said epicardial region and said endocardial region, said target region comprising infarcted myocardial tissue;
 - b. delivering an implantable device and a lead having an electrode to said target region intramural space; wherein said electrode is configured to be connected to a therapeutic or diagnostic device, and said implantable device is configured to physically modifying modify the mechanical properties of at least a portion of the myocardial tissue of the target region substantially identified in step (a) - by providing localized reinforcement of infarcted myocardial tissue;
 - c. applying the implantable device electrode to at least a portion of the target region myocardial tissue intramural space substantially identified in step (a) effective to physically modify the mechanical properties of said tissue and limit motion in the ~~peri-infarct or infarct~~ region; and
 - d. applying the electrode to at least a portion of infarcted myocardial tissue ;
and
 - e. allowing providing an electrical impulse from said electrode to myocardial tissue effective that said impulse to travel travels through the infarcted region of the

myocardial tissue while at the same time the implantable device acts to physically ~~modifying~~ modify the mechanical properties of said tissue and ~~limiting~~ limits motion in the ~~peri-infarct or~~ infarct region.

2. (original) The method of claim 1 wherein the modified mechanical properties include an increase in systolic performance.

3. (original) The method of claim 1 wherein the therapeutic or diagnostic device is a pacemaker.

4. (original) The method of claim 1 wherein the therapeutic or diagnostic device is a cardioverter/defibrillator.

5. (original) The method of claim 1 wherein the therapeutic or diagnostic device is a cardiac resynchronization device.

6. (original) The method of claim 2 wherein the modified mechanical properties include substantially no decrease in diastolic performance.

7. (original) The method of claim 1, wherein said target region includes a myocardial infarct or ischemic zone.

8. (original) The method of claim 7, wherein the lead includes an electro active bridge for spanning said infarct or ischemic zone.

9. (original) The method of claim 1, wherein said delivering step further comprises delivering a substantially accurately curved lead into the intramural space.

10. (original) The method of claim 9 wherein said delivering step further comprises using a stylet.

11. (original) The method of claim 9 wherein said delivering step further

comprises using a guidewire.

12. (original) The method of claim 1, wherein said lead further comprises echo features for aiding visualization.

13. (original) The method of claim 1, wherein said lead further comprises radiopaque features.

14. (original) The method of claim 1, wherein said lead further comprises a drug eluting surface.

15. (new) The method of claim 14, wherein said lead is configured to elute an anti-inflammatory agent.

16. (new) The method of claim 1, wherein said electrode lead comprises a distal portion configured to reduce the likelihood of puncturing epicardium or endocardium.

17. (new) The method of claim 16, wherein said electrode lead comprises a substantially atraumatic distal portion configured to reduce the likelihood of puncturing epicardium or endocardium.

18. (new) The method of claim 1, wherein said electrode lead comprises a deflectable shaft.

19. (new) The method of claim 1, wherein said delivering step (b) comprises placement of said implantable device and said electrode lead directly into the intramural space of the left ventricular myocardium via right catheter introduction.

20. (new) The method of claim 1, wherein said electrode is suitable for myocardial pacing and said electrode lead provides multiple sites for intramural pacing.

21. (new) The method of claim 1, wherein said target region further comprises peri-infarct tissue, and said applying step (c) is further effective to limit motion in said peri-infarct tissue.

22. (new) The method of claim 21, wherein said providing step (e) is further effective to limit motion in said peri-infarct tissue.